United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

RADIO VERMONT, INC.
P.O. BOX 550
WATERBURY VT 05676

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: March 16, 2006

This license expires 3:00 a.m. local time, April 01, 2006.

Facility Id: 54866

Call Sign: WDEV

License File Number: BL-20050811ACV

This license covers permit no.: BP-20040419ABP
Coordintats correction

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:30 AM	4:30 PM	Jul.	4:15 AM	7:30 PM
Feb.	6:45 AM	5:15 PM	Aug.	4:45 AM	7:00 PM
Mar.	6:00 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:15 AM	6:30 PM	Oct.	6:00 AM	5:15 PM
May	4:30 AM	7:15 PM	Nov.	6:45 AM	4:30 PM
Jun.	4:00 AM	7:30 PM	Dec.	7:15 AM	4:15 PM

Name of Licensee: RADIO VERMONT, INC.

Station Location: WATERBURY, VT

Frequency (kHz): 550

Station Class: B

Antenna Coordinates:

		Day				
Latitude:	N	44 Deg	21 Min	17 Sec		
Longitude:	W	72 Deg	45 Min	07 Sec		

		Night				
Latitude:	N	44 Deg	21 Min	17 Sec		
Longitude:	W	72 Deg	45 Min	07 Sec		

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 1.0

Antenna Input Power (kW): Day: 5.4 Night: 2.27

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 10 Night: 6.5

Resistance (ohms): Day: 54 Night: 53.7

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1059327	
2	1059326	

Night:

Tower No.	ASRN	Overall Height (m)
1	1059327	
2	1059326	
3	1244187	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 630.9 Night: 355.7

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Day: 668.8 Night: 374.2

Q Factor: Day: 22.36 Night: 20.5

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	87.0
2	0.7500	-143.000	84.0000	129.000	0	87.0

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	13.0	20.0	193.10
2	100.0	58.0	1013.90
3	129.0	58.0	1062.20
4	203.0	70.0	643.70
5	245.0	20.0	193.10

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.1300	177.700	0.0000	0.000	0	87.0
2	1.5800	-3.500	84.0000	129.000	0	87.0
3	1.0000	-177.700	180.0000	129.000	0	87.0

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	243.0	22.0	88.50
2	243.0	10.0	103.00

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	138	1.28
2	0	1

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	175.8	0.761
2	0	1
3	-179.8	0.708

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
13	3.89	20.4
309	2.01	126

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
4	9.75	1.44
67	5.99	5.1
203	4.18	25.69
243	2.08	28.18
254	2.17	21.35

Special operating conditions or restrictions:

1 DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM
No. and Type of Elements: Three (3), vertical, self supporting, tapered, series excited steel radiators of uniform cross section.

Ground System consists of 120-243.9 m equally, spaced buried copper radials except tower highway where minimum length is 137.2 m.

Special operating conditions or restrictions:

2 DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 13 True North. From the transmitter site, drive south 0.75 mile to junction with Vermont highway #100. Turn left and drive approximately 0.6 mile past Waterbury Center to a dirt road on the left. Turn left and drive 1.3 miles to the monitoring point on the road 100 feet before joining a road running north. Daytime

Direction of 309 True North. From the transmitter site, drive south 0.75 mile to junction with Vermont highway #100. Follow highway into Waterbury, a distance of 0.75 mile to the junction with U.S. #2. Turn right on #2 and drive 1.7 miles to a road on the right loading to Waterbury Dam. Turn right and drive 1.15 miles to the monitoring point on the road which is 0.35 mile past a dirt road and red house on the left. Daytime

Direction of 4 True North. From the transmitter site, drive south 0.65 mile to junction with Vermont highway #100. Turn left and drive north on Highway Route 100 for 6.75 miles to the junction with Moscow Road on the left. Turn left and drive west on Moscow Road on the left. Turn left and drive west on Moscow Road for 2.00 miles to the junction with Cotton Brook Road on the left, just beyond a bridge. Bear left and drive south on Cotton Brook Road for 0.08 miles to the monitoring point at the junction with a field-access road on the left and a state forest parking area ahead on the right. Nighttime

Direction of 67 True North. From the transmitter site, drive south 0.65 mile to junction with Vermont highway #100. Turn left and drive north on Highway Route 100 for 2.55 miles to the junction with Howard Avenue on the right. Turn right and drive east on Howard Avenue for 0.3 mile to the "T" junction with Maple Street (village common on the right). Turn left and drive northeast on Maple Street for 0.15 mile past the fire station to the junction with loomis Hill Road on the right. Turn right and drive east on Loomis Hill Road for 1.86 miles to the junction with Ripley Road on the right. Turn right and drive on Ripley Road for 0.5 mile to the monitoring point at the junction with the driveway of a modular home and garage on the right. Nighttime

Direction of 203 True North. From the transmitter site, drive south 0.65 mile to junction with Vermont highway #100. Turn right and drive west on Highway Route 100 for 0.6 miles to the "T" junction with Highway Route 2. Turn left and drive southeast on Highway Routes 2 and 100 for 1.25 miles through the village of Waterbury to the junction where routes divide (Highway Route 2 ahead, Highway Route 100 on the right). Turn right and drive west and south on Highway Route 100 for 0.75 mile to the junction with Crossett Hill Road on the right. Turn right and drive west on the Crossett Hill Road for 0.62 mile to the monitoring point at the junction of the farm driveway on the right. Nighttime

Direction of 243 True North. From the transmitter site, drive south 0.65 mile to junction with Vermont highway #100. Turn right and drive west on Highway Route 100 for 0.6 miles to the "T" junction with Highway Route 2. Turn left and drive southeast on Highway Routes 2 and 100 for 0.15 miles to the junction with Winooski Street on the right. Turn right and drive southwest on Winooski Street for 0.4 mile, crossing the Winooski Street bridge, to the "T" junction with the Duxbury River Road. Turn right and drive northwest on the Duxbury River Road for 0.9 mile to the monitoring point on the right as marked at the edge of the road and nearby trees. Nighttime

Special operating conditions or restrictions:

3 Direction of 254 True North. From the transmitter site, drive south 0.65 mile to junction with Vermont highway #100. Turn right and drive west on Highway Route 100 for 0.6 miles to the "T" junction with Highway Route 2. Turn left and drive southeast on Highway Routes 2 and 100 for 0.15 miles to the junction with Winooski Street on the right. Turn right and drive southwest on Winooski Street for 0.4 mile, crossing the Winooski Street bridge, to the "T" junction with the Duxbury River Road. Turn right and drive northwest on the Duxbury River Road for 1.15 miles to the monitoring point on the left as marked at the edge of the road and nearby fences. Nighttime

*** END OF AUTHORIZATION ***